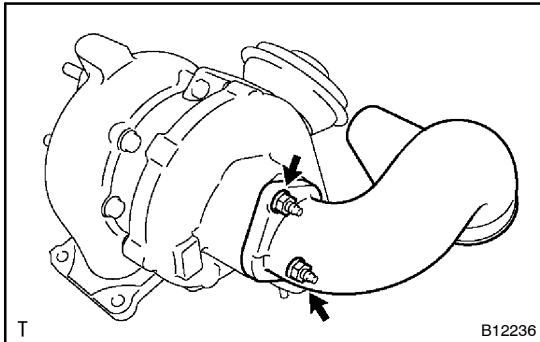


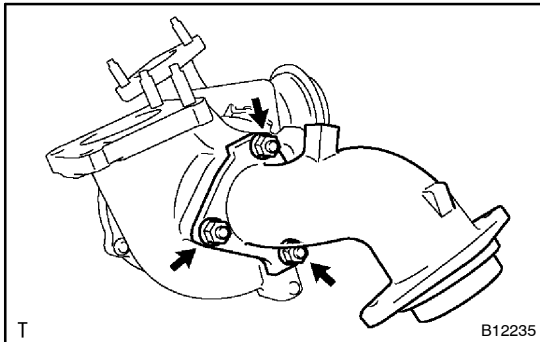


INSTALLATION

1. INSTALL COMPRESSOR INLET ELBOW

Install a new gasket and compressor inlet elbow with the 2 new nuts.

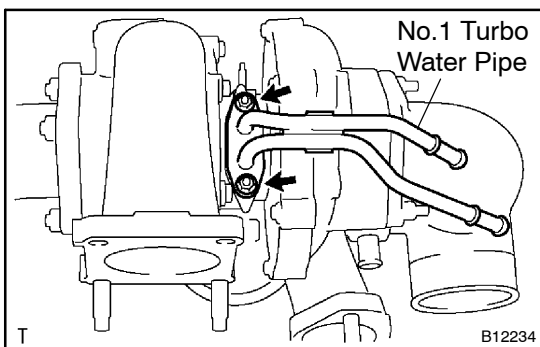
Torque: 19.6 N·m (200 kgf·cm, 14 ft·lbf)



2. INSTALL TURBO OUTLET ELBOW

Install a new gasket and turbo outlet with the 3 nuts.

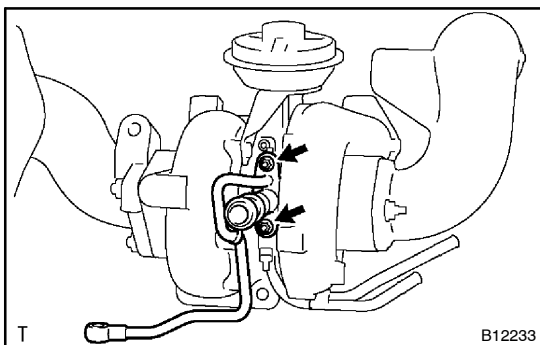
Torque: 52 N·m (530 kgf·cm, 38 ft·lbf)



3. REMOVE NO.1 TURBO WATER PIPE

Install a new gasket and No.1 turbo water pipe with the 2 nuts.

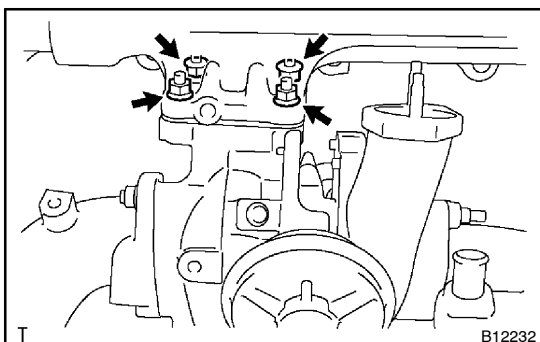
Torque: 7.8 N·m (80 kgf·cm, 69 in·lbf)



4. INSTALL OIL PIPE

Install a new gasket and turbo oil pipe with the 2 nuts.

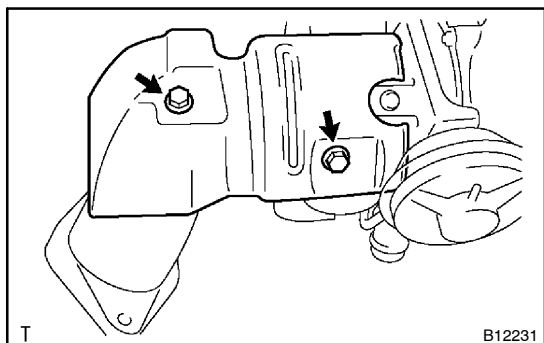
Torque: 7.8 N·m (80 kgf·cm, 69 in·lbf)



5. INSTALL TURBOCHARGER TO EXHAUST MANIFOLDS

Install a new gasket and turbocharger with the 4 nuts.

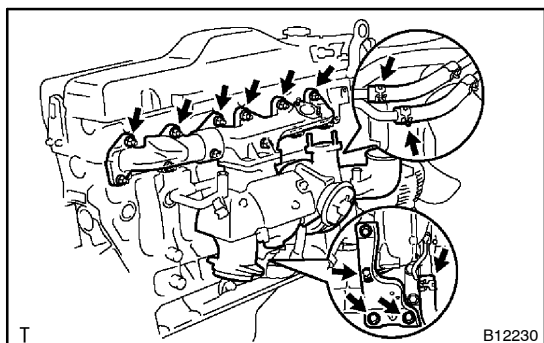
Torque: 52 N·m (530 kgf·cm, 38 ft·lbf)



6. INSTALL HEAT INSULATOR

Install the heat insulator with the 2 bolts.

Torque: 18.1 N·m (185 kgf·cm, 13.4 ft·lbf)



7. INSTALL TURBOCHARGER AND EXHAUST MANIFOLDS ASSEMBLY

- (a) Install 2 new gaskets, turbocharger and exhaust manifolds assembly with the 12 nuts.

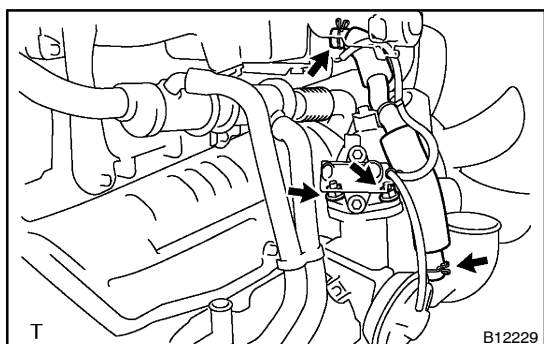
Torque: 41.7 N·m (425 kgf·cm, 31 ft·lbf)

- (b) Connect the 2 water hoses from the turbocharger.
(c) Install 2 new gaskets and the union bolt of the turbo oil pipe.

Torque: 24.5 N·m (250 kgf·cm, 18 ft·lbf)

- (d) Connect the turbo oil hose.
(e) Install the turbocharger stay with the 3 bolts.

Torque: 117.7 N·m (1200 kgf·cm, 86.8 ft·lbf)



8. INSTALL PCV HOSE AND COMPRESSOR OUTLET ELBOW

- (a) Install a new gasket and compressor outlet elbow with the 2 nuts.

Torque: 19.6 N·m (200 kgf·cm, 14.5 ft·lbf)

- (b) Connect the PCV hose.

9. INSTALL HEAT INSULATOR (See page EM-36)

10. INSTALL EGR W/COOLER PIPE SUB-ASSY (See page EM-36)

11. INSTALL INTAKE PIPE ASSEMBLY (See page EM-36)

12. FILL WITH ENGINE COOLANT

13. START ENGINE AND CHECK FOR LEAK

14. CHECK ENGINE OIL LEVEL